

The background of the slide features a blue-toned collage. On the left, a portion of a globe is visible. In the center, a large, textured padlock is superimposed over a faint URL that begins with 'https://www'. The overall theme is digital security and privacy.

Digital Privacy



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- Information Security consultant with Secify
- Group Information Security manager with Husqvarna Group
- Information Security advisor, system administrator & IT trainer with British Diplomatic Service
- Compliance auditor with HM Revenue & Customs
- Digital forensics examiner with National Crime Squad

SECIFY 

Objectives



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- To introduce privacy and some introductory steps & tools people can take to protect themselves
- To provide information that can be used help protect friends and family





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- What IS privacy?
 - Subjective definition!
 - Cultural & geographical influences
 - Risk based – real life vs online
 - Personal choice about what we share....
knowing what is too much!





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- Footprint: What traces YOU leave behind
 - What you share
 - What your browser shares
 - What your device shares
- Shadow: What traces OTHERS leave about you
 - Friends & family
 - Organisations





- WHERE it is?
- WHO has it?
- HOW public it is?
- HOW LONG will it exist?
- Impact of Big Data & Open Source information?
- Dark web?





- Passwords
 - Password managers
 - Password USBs
- File storage:
 - Where?
 - How?
 - Risk assess
- Devices:
 - Encrypt mobile devices and secure with pin/password
 - Block autorun for USB devices





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KeePass
Password Safe

KeePass Password Safe



This is the official website of KeePass, the free, open source, light-weight and easy-to-use password manager.

[Awards] [RSS Feed]

Home

- Home & News
- Forums
- Feature List
- Screenshots

Getting KeePass

- Downloads
- Translations
- Plugins / Ext.

Information / WWW

- Help
- FAQ
- Security
- Awards
- Links

Support KeePass

- Donate

Latest News

KeePass 2.42 (2.42.1) released

2019-05-01 14:46. [Read More »](#)

Bug Bounties (EU-FOSSA 2)

2019-01-15 20:17. The European Commission sponsors bounties for finding security vulnerabilities in KeePass 2.x (EU-FOSSA 2 project). [Read More »](#)

KeePass 2.41 released

2019-01-09 15:34. [Read More »](#)

KeePass 1.37 released

2019-01-02 14:16. [Read More »](#)

[\[News Archive\]](#)

What is KeePass?

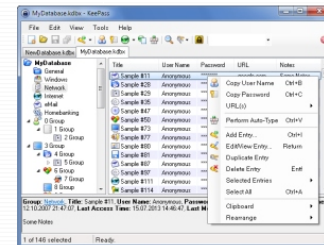
Today you need to remember many passwords. You need a password for the Windows network logon, your e-mail account, your website's FTP password, online passwords (like website member account), etc. etc. etc. The list is endless. Also, you should use different passwords for each account. Because if you use only one password everywhere and someone gets this password you have a problem... A serious problem. The thief would have access to your e-mail account, website, etc. Unimaginable.

KeePass is a free open source password manager, which helps you to manage your passwords in a secure way. You can put all your passwords in one database, which is locked with one master key or a key file. So you only have to remember one single master password or select the key file to unlock the whole database. The databases are encrypted using the best and most secure encryption algorithms currently known (AES and Twofish). For more information, see the [features page](#).

Is it really free?

Yes, KeePass is really free, and more than that: it is open source (OSI certified). You can have a look at its full source and check whether the encryption algorithms are implemented correctly.

As a cryptography and computer security expert, I have never understood the current fuss about the open source software movement. In the cryptography world, we consider open source necessary for good security; we have for decades. Public security is always more secure than proprietary security. It's true for cryptographic algorithms, security protocols, and security source code. For us, open source isn't just a business model; it's smart engineering practice.
Bruce Schneier, Crypto-Gram 1999-09-15



<https://keepass.info/>



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PREDATOR Protects your Computer

[Download](#) [Purchase](#) [Documentation](#) [Support](#) [Contact](#) [Search](#)

Predator Locks and Unlocks Your PC with a USB Flash Drive

■ PREDATOR locks your PC when you are away, even if your Windows session is still active. It uses a regular USB flash drive as an access control device, and works as follows:



- you insert the USB drive
- you run PREDATOR (autostart with Windows is possible)
- you do your work...
- when you're away from your PC, you simply remove the USB drive:
 - once it is removed, the keyboard and mouse are disabled and the screen darkens
- when you return back to your PC, you put the USB flash drive in place:
 - keyboard and mouse are immediately released, and the display is restored.

<https://www.predator-usb.com/predator/en/index.php>

Stopping USBs Autorunning Software



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- If this is a potential risk to you, edit the registry to prevent malware autorunning
- Use an Open Source tool

Disabling AutoRun in Windows

There is no interface setting to turn off AutoRun completely. Instead, you have to edit the [Windows Registry](#).

- Q1** In the Search field, enter **regedit**, and select **regedit.exe** to open the Registry Editor.
- Q2** Go to the key: **HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer**
- Q3** If the entry **NoDriveTypeAutoRun** does not appear, create a new DWORD value by right-clicking in the right pane to access the context menu and selecting **New DWORD (32-bit) Value**.
- Q4** Name the DWORD **NoDriveTypeAutoRun**, and set its value to one of the following:
 - **FF** – to disable AutoRun on all drives
 - **20** – to disable AutoRun on CD-ROM drives
 - **4** – to disable AutoRun on removable drives
 - **8** – to disable AutoRun on fixed drives
 - **10** – to disable AutoRun on network drives
 - **40** – to disable AutoRun on RAM disks
 - **1** – to disable AutoRun on unknown drives

To turn AutoRun back on in the future, just delete the *NoDriveTypeAutoRun* value.



- Boxcryptor will encrypt your data before uploading to the cloud provider
- Works with most cloud providers
- Free for home users up to 2 devices, \$48 per year for unlimited devices

Boxcryptor | Security for your Cloud
Encryption for Dropbox & Co.

your cloud without worrying about safety and who can access it. We handle security and keep it simple for e

Private Users & Solo Workers	Businesses Of All Sizes
FOR SINGLE USERS >	FOR TEAMS >

<https://www.boxcryptor.com/en/>

Recovery of data & Secure Wipes



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- Best option, back up, TEST and consider an encrypted cloud backup
- If backups fail, forensic tools are a recovery option
- Also provide secure wipe
- Will do a footprint scan of your pc
- Autopsy is a free windows based tool. Sleuth Kit

Autopsy® is a digital forensics platform and graphical interface to [The Sleuth Kit®](#) and other digital forensics tools. It is used by law enforcement, military, and corporate examiners to investigate what happened on a computer. You can even use it to recover photos from your camera's memory card.

[Download Now](#)



<https://www.sleuthkit.org/autopsy/>

Do You REALLY Need to Give Your Real Data?



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- If the answer is no, don't give it!
- Use a fake profile using FakeNameGenerator.com
- Consider a disposable mail account

Your Randomly Generated Identity


Name set: French, German, Greenland, Hispanic, **Hobbit**

Country: Portugal, Slovenia, South Africa, Spain, **Sweden** [Switch to Region](#)

Gender: Male: 0%, Female: 100%

Age: 58 - 69 years old

[Generate](#) [Basic Options](#)



Matilda Burrowes
Kabbatorp Locketorp 5
270 12 RYDSGÅRD

Curious what **Matilda** means? [Click here to find out!](#)

Mother's maiden name: Gardner
Personnummer: 510326-4627
Geo coordinates: 62.390866, 13.842933

Logged in users can view full profile

Some Useful Privacy Tools



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- www.Justdelete.me
- www.Accountkiller.com
- <https://privacy.net/analyzer/>
- [Panoptic](#)
- [EFF SSD](#)
- [Abine.com](#)
- [CC Cleaner](#)
- Duck Duck Go
- Tor





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Any Questions?